

Title (en)

Oxygen sensor and method of producing the same.

Title (de)

Sauerstoffsensor und Verfahren zu seiner Herstellung.

Title (fr)

Sonde d'oxygène et méthode pour sa fabrication.

Publication

EP 0331513 A2 19890906 (EN)

Application

EP 89302144 A 19890303

Priority

- JP 1002889 A 19890120
- JP 4853788 A 19880303
- JP 25477688 A 19881012

Abstract (en)

An oxygen sensor having an excellent durability against poisoning by Si is provided by-adhering at least one oxide of Mg, Ca, Sr and Ba on the surface or in the pores of the protective layer (4) covering the measuring electrode (3) of the oxygen sensor.

IPC 1-7

G01N 27/56

IPC 8 full level

G01N 27/407 (2006.01); **G01N 27/416** (2006.01); **G01N 27/417** (2006.01)

CPC (source: EP)

G01N 27/4075 (2013.01); **G01N 27/4077** (2013.01)

Cited by

EP0373745A3; EP0656538A1; EP1215488A3; DE10147408B4; EP0610884A1; US5445796A; EP0369238A3; US5849165A; EP0667523A3; EP1870702A4; DE4033388A1; US5368713A; DE4033388C3; GB2297169A; US5685964A; GB2297169B; EP1211506A3; US6660142B2; WO2005121763A1; WO03027465A3; WO2007068587A1; WO9207253A1; US6672137B1; US7254985B2; WO2007107833A1; WO0131324A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0331513 A2 19890906; **EP 0331513 A3 19901205**; **EP 0331513 B1 19940202**; DE 68912793 D1 19940317; DE 68912793 T2 19940623

DOCDB simple family (application)

EP 89302144 A 19890303; DE 68912793 T 19890303